

<110> Mitsubishi Pharma Corporation

<120> The method of protecting thiol groups in proteins

<130> 03044W00

<150> JP 2002-370822

<151> 2002-12-20

<160> 8

<210> 1

<211> 9

<212> PRT

<213> Homo sapiens

<220>

<223> Inventor: Kenji,Sasaki ; Yasuhiko,Katsumura

<400> 1

Ile Ser Ser Cys Gly Phe Tyr Trp Asn  
1 5

<210> 2

<211> 12

<212> PRT

<213> Homo sapiens

<400> 2

Ile Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Tyr Tyr  
1 5 10

<210> 3

<211> 9

<212> PRT

<213> Homo sapiens

<400> 3

Ser Thr Arg Leu Arg Gly Ala Asp Tyr  
1 5

<210> 4

<211> 17

<212> PRT

<213> Homo sapiens

<400> 4

Lys Ser Ser Gln Ser Val Leu Tyr Asn Ser Asn Asn Lys Lys Tyr Leu  
1 5 10 15  
Ala

<210> 5

<211> 7

<212> PRT

<213> Homo sapiens

<400> 5

Trp Ala Ser Thr Arg Glu Ser  
1 5

<210> 6

<211> 9

<212> PRT

<213> Homo sapiens

&lt;400&gt; 6

Gln Gln Tyr Tyr Ser Thr Pro Trp Thr  
1 5

&lt;210&gt; 7

&lt;211&gt; 119

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 7

Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln  
1 5 10 15  
Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Cys  
20 25 30  
Gly Phe Tyr Trp Asn Trp Ile Arg Gln His Pro Gly Lys Gly Leu Glu  
35 40 45  
Trp Ile Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Tyr Tyr Asn Pro Ser  
50 55 60  
Leu Lys Ser Arg Val Thr Ile Ser Leu Asp Thr Ser Lys Ser Gln Phe  
65 70 75 80  
Ser Leu Lys Leu Ser Ser Leu Thr Ala Ala Asp Thr Ala Val Tyr Tyr  
85 90 95  
Cys Ala Arg Ser Thr Arg Leu Arg Gly Ala Asp Tyr Trp Gly Gln Gly  
100 105 110  
Thr Met Val Thr Val Ser Ser  
115

&lt;210&gt; 8

&lt;211&gt; 114

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 8

Asp Ile Val Met Thr Gln Ser Pro Asp Ser Leu Ala Val Ser Leu Gly  
1 5 10 15  
Glu Arg Ala Thr Ile Asn Cys Lys Ser Ser Gln Ser Val Leu Tyr Asn  
20 25 30  
Ser Asn Asn Lys Lys Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln  
35 40 45  
Pro Pro Lys Leu Leu Ile Tyr Trp Ala Ser Thr Arg Glu Ser Gly Val  
50 55 60  
Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr  
65 70 75 80  
Ile Ser Ser Leu Gln Ala Glu Asp Val Ala Val Tyr Tyr Cys Gln Gln  
85 90 95  
Tyr Tyr Ser Thr Pro Trp Thr Phe Gly Gln Gly Thr Lys Val Glu Ile  
100 105 110  
Lys Arg